

**PATENT COOPERATION TREATY**  
**Appointment of Agent**

The undersigned applicant(s) hereby appoints as individual agents:

Attorney/Agent	R g. N .	Attorn y/Agent	Reg. No.	Attorney/Agent	Reg. No.
BLACK, Edward W.	36,454	HOWARD, Dan R.	30,070	SCOTT, Mark S.	43,101
CAVENDER, Carol J.	27,619	JOZWIAK, Elisabeth T.	41,101	SCHULTZ, Dale H.	36,267
CHOO, Tai-Sam	28,370	KANUCH, Bruce M.	24,623	SHEPHERD, Philip D.	28,905
CHRISTY, M. Robert	42,414	KARADZIC, Dragan J.	28,024	SIMS, Norman L.	30,685
DAMOCLES, Nemia C.	28,368	KIMBLE, Karen L.	26,995	SPENCER, Lee	43,353
DELINE, Douglas N.	29,146	KORFHAGE, Glenn H.	27,204	STORER, Shelley D.	45,135
DICKERSON, James H., Jr.	29,297	KRUPP, Stephen P.	34,366	TREANGEN, John B.	38,343
DRAKE, James J.	34,584	LELKES, Robert S.	33,730	ULMER, Duane C.	34,941
FARRELL, Daniel R.	28,599	MAURER, Charles J., III	33,065	VOLLES, Warren K.	33,810
FIFIELD, David H.	26,729	MORK, Steven W.	48,258	WAKEFIELD, Charles P.	37,749
GANDHI, Bharat C.	35,146	MORSE, Jonathan W.	30,200	WARRICK, Noreen D.	34,573
GLENN, Michael L.	28,849	NILSEN, Kevin	41,510	WILLIS, Reid S.	39,429
HALLDORSON, Burke M.	24,642	PELTON, James M.	24,551	ZERULL, Susan M.	38,367
HANSBRO, Kevin R.	38,485	PRIETO, Joe R.	30,887	ZETTLER, Lynn M.	35,797
HAYHURST, Paul D.	30,180	RACHLIN, Mark M.	47,014	ZUCKERMAN, Marie F.	31,315
HOPPE, James T.	35,899	RUHR, Paula Sanders	32,595		

all of THE DOW CHEMICAL COMPANY or its affiliated companies for which The Dow Chemical Company has control, to act on his (her, their) behalf before the competent International Authorities.

The applicant(s) also hereby appoints as agents: Beatrice E. Goldener, Dorothee Von Cunow and Niek H.M. de Jong, all of affiliated companies for which The Dow Chemical Company has control and all registered to practice before the European Patent Office to act on his (her, their) behalf before the European Patent Office as International Searching Authority and International Preliminary Examining Authority.

in connection with this international application concerning:  
**METHOD FOR CHEMICAL ANALYSIS OF BIOLOGICAL MATERIAL**

**International Patent Application No. PCT/US 0000/19418**

Agent's File Reference: **44557A**

filed with the United States Receiving Office.

Signed at: <u>Midland, Michigan 48674 United States of America</u>
This <u>11</u> day of <u>APRIL</u> , 20 <u>02</u> Effective as of July 13, 2000
By <u>Curtis D. Pfeiffer</u> Curtis D. Pfeiffer
Signed at: <u>Midland, Michigan 48674, United States of America</u>
This <u>17</u> day of <u>April</u> , 20 <u>02</u> Effective as of July 13, 2000
By <u>Nile N. Frawley</u> Nile N. Frawley

(For additional information, see attached sheet.)

Title: **METHOD FOR CHEMICAL ANALYSIS OF BIOLOGICAL MATERIAL**

Applicant's File Reference: 44557A

Signed at: **Midland, Michigan 48674, United States of America**

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
**Effective as of July 13, 2000**

By \_\_\_\_\_  
**Thomas L. Peters**

Signed at: \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
**Effective as of July 13, 2000**

By \_\_\_\_\_  
**Phillip J. Savickas**

Signed at: **Midland, Michigan 48674, United States of America**

This 15 day of April, 2002  
**Effective as of July 13, 2000**

By David R. Albers  
**David R. Albers**

Signed at: **Freeport, Texas 77541, United States of America**

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
**Effective as of July 13, 2000**

By \_\_\_\_\_  
**Steven J. Gluck**

Signed at: **Midland, Michigan 48674, United States of America**

This 18 day of Apr. 1, 2002  
**Effective as of July 13, 2000**

By Lawrence W. Nichols  
**Lawrence W. Nichols**

Title: **METHOD FOR CHEMICAL ANALYSIS OF BIOLOGICAL MATERIAL**

Applicant's File Reference: 44557A

Signed at: **Midland, Michigan 48674, United States of America**

This 15th day of April, 2002  
Effective as of July 13, 2000

By ~~Benjamin Esquivel~~  
Jose B. Esquivel H.

Signed at: \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

By \_\_\_\_\_

Signed at: \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

By \_\_\_\_\_

Signed at: \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

By \_\_\_\_\_

Signed at: \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

By \_\_\_\_\_

Title: **METHOD FOR CHEMICAL ANALYSIS OF BIOLOGICAL MATERIAL**

Applicant's File Reference: 44557A

Signed at: **Midland, Michigan 48674, United States of America**

This 10 day of APRIL, 2002  
Effective as of July 13, 2000

By Thomas L. Peters  
Thomas L. Peters

Signed at: \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of July 13, 2000

By \_\_\_\_\_  
Phillip J. Savickas

Signed at: **Midland, Michigan 48674, United States of America**

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of July 13, 2000

By \_\_\_\_\_  
David R. Albers

Signed at: **Freeport, Texas 77541, United States of America**

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of July 13, 2000

By \_\_\_\_\_  
Steven J. Gluck

Signed at: **Midland, Michigan 48674, United States of America**

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of July 13, 2000

By \_\_\_\_\_  
Lawrence W. Nichols

Title: **METHOD FOR CHEMICAL ANALYSIS OF BIOLOGICAL MATERIAL**

Applicant's File Reference: 44557A

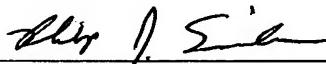
Signed at: **Midland, Michigan 48674, United States of America**

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of July 13, 2000

By \_\_\_\_\_  
**Thomas L. Peters**

Signed at: **Franklin, Massachusetts 02038, United States of America**

This 21st day of April, 20 02  
Effective as of July 13, 2000

By   
**Philip J. Savickas**

Signed at: **Midland, Michigan 48674, United States of America**

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of July 13, 2000

By \_\_\_\_\_  
**David R. Albers**

Signed at: **Freeport, Texas 77541, United States of America**

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of July 13, 2000

By \_\_\_\_\_  
**Steven J. Gluck**

Signed at: **Midland, Michigan 48674, United States of America**

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of July 13, 2000

By \_\_\_\_\_  
**Lawrence W. Nicholson**

Title: **METHOD FOR CHEMICAL ANALYSIS OF BIOLOGICAL MATERIAL**

Applicant's File Reference: 44557A

Signed at: **Midland, Michigan 48674, United States of America**

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_  
**Effective as of July 13, 2000**

By \_\_\_\_\_  
**Thomas L. Peters**

Signed at: \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_  
**Effective as of July 13, 2000**

By \_\_\_\_\_  
**Phillip J. Savickas**

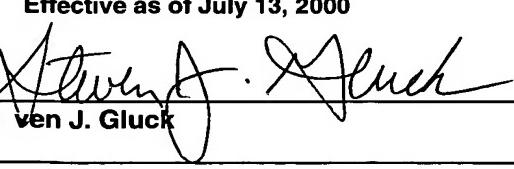
Signed at: **Midland, Michigan 48674, United States of America**

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_  
**Effective as of July 13, 2000**

By \_\_\_\_\_  
**David R. Albers**

Signed at: **Freeport, Texas 77541, United States of America**

This 10 day of April, 2002  
**Effective as of July 13, 2000**

By   
**Steven J. Gluck**

Signed at: **Midland, Michigan 48674, United States of America**

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_  
**Effective as of July 13, 2000**

By \_\_\_\_\_  
**Lawrence W. Nichols**